

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A process for the preparation of **enantiomerically enriched (1S,4R) 1-acetoxy-4-hydroxycyclopent-2-ene** comprising the steps of:

- 1a) **a)** determining the water content of pancreatin;
- 1b) **b)** mixing pancreatin, *cis*-1,4-dihydroxycyclopent-2-ene, vinyl acetate, and triethylamine in tetrahydrofuran;
- 1c) **c)** adjusting the water content of the mixture such that the water **content** is 5-7 % **by of the weight relative to of** pancreatin; and
- 1d) **d)** maintaining a reaction temperature of -40 °C to +40 °C, ~~preferably -5°C to +10°C~~ with stirring until the reaction is substantially complete **to provide (1S,4R) 1-acetoxy-4-hydroxycyclopent-2-ene with an enantiomeric purity of 95-99 %.**

2. (Currently Amended) A process according to claim 1 comprising the further steps of:

- 2e) **e)** concentrating the reaction mixture at 20-50 °C bath temperature and 20-60 mm **Hg** pressure;
- 2f) **f)** dissolving the residue in methyl-t-butylether, optionally treating the mixture with activated charcoal and filtering the mixture; **and**
- 2g) **g)** precipitating (1S,4R) 1-acetoxy-4-hydroxycyclopent-2-ene ~~(Formula I)~~ **with an enantiomeric purity of 95-99 %** by the addition of a hydrocarbon solvent at 0-15 °C.

3. (Currently Amended) A process for the preparation of **enantiomerically enriched (1S,4R) 1-acetoxy-4-hydroxycyclopent-2-ene** comprising the steps of:

- 3a) **a)** determining the water content of pancreatin;
- 3b) **b)** adjusting the water content of the pancreatin such that the water **content** is 5-7 % **by of the weight relative to of** pancreatin;
- 3c) **c)** mixing pancreatin, *cis*-1,4-dihydroxycyclopent-2-ene, vinyl acetate, and triethylamine in a solvent; ~~and~~
- 3d) **d)** maintaining a reaction temperature of -40 °C to +40 °C, ~~preferably -5°C to +10°C~~ with stirring until the reaction is substantially complete **to provide (1S,4R) 1-acetoxy-4-hydroxycyclopent-2-ene with an enantiomeric purity of 95-99 %.**

4. (Currently Amended) A process according to claim 3 comprising the further steps of:

- 4e) **e)** concentrating the reaction mixture at 20-50 °C bath temperature and 20-60 mm **Hg** pressure;
- 4f) **f)** dissolving the residue in methyl-t-butylether, optionally treating the mixture with activated charcoal and filtering the mixture; and

7) **g)** precipitating (1S,4R) 1-acetoxy-4-hydroxycyclopent-2-ene (~~Formula-1~~) **with an enantiomeric purity of 95-99 %** by the addition of a hydrocarbon solvent at 0-15 °C.

5. (Cancelled).

6. (Cancelled).

7. (Newly Added) A process according to claim 1 or claim 3 wherein the reaction temperature is maintained between 5 °C to +10 °C.